

| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | ATTY. DOCKET NO. ELL001US2 CON Client/Matter No. 82236.0002.002 | | SERIAL NO.: Not yet accorded | | |
|---|------------------|--------------------|--|--------------------------------|--------------------------------|----------------------------------|--|
| | | | APPLICANT: Robert C. Herrmann and Steven Landin | | | | |
| | | | FILING DATE: <i>10/12/83</i> | | GROUP: <i>Not yet assigned</i> | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| <i>HC</i> | 3,453,104 | July 1, 1969 | De Marchi, et al. | 75 | 206 | November 28, 1967 | |
| <i>1</i> | 3,471,028 | October 7, 1969 | Miller, et al. | 210 | 457 | August 21, 1967 | |
| | 3,570,059 | March 16, 1971 | Mott, L. | 18 | 8 | July 24, 1969 | |
| | 3,746,642 | July 17, 1973 | Bergstrom, T. | 210 | 446 | April, 20, 1971 | |
| | 3,751,271 | August 7, 1973 | Kimura, et al. | 106 | 40 | May 11, 1971 | |
| | 3,788,486 | January 29, 1974 | Bergstrom, T. | 210 | 496 | September 30, 1971 | |
| | 3,897,221 | July 29, 1975 | Salyer, et al. | 29 | 191.2 | September 30, 1971 | |
| | 3,923,653 | December 2, 1975 | Lavins, Jr., P. | 210 | 71 | September 27, 1972 | |
| | 3,980,445 | September 14, 1976 | Aleshin, et al. | 29 | 182 | July 3, 1974 | |
| | 4,014,680 | March 29, 1977 | Reen, O. | 75 | .5 BA | June 25, 1976 | |
| | 4,069,157 | January 17, 1978 | Hoover, et al. | 210 | 433 M | November 20, 1975 | |
| | 4,082,834 | April 4, 1978 | Grossman, et al. | 423 | 210 | December 18, 1975 | |
| | 4,301,012 | November 17, 1981 | Puckett, D. | 210 | 457 | April 25, 1979 | |
| | 4,407,656 | October 4, 1983 | Hofer, F. | 445 | 10 | May 8, 1981 | |
| | 4,407,657 | October 4, 1983 | Fransen, J. | 445 | 17 | May 8, 1981 | |
| | 4,435,483 | March 6, 1984 | Ahslund, et al. | 428 | 566 | February 8, 1982 | |
| | 4,552,719 | November 12, 1985 | Morimoto, et al. | 419 | 2 | August 31, 1983 | |
| | 4,562,039 | December 31, 1985 | Koehler, P. | 419 | 2 | June 27, 1984 | |
| | 4,613,369 | September 23, 1986 | Koehler, P. | 75 | 246 | September 30, 1985 | |
| | 4,708,741 | November 24, 1987 | Amaya, G. | 75 | 251 | June 13, 1986 | |
| <i>HC</i> | 4,717,455 | January 5, 1988 | Textor, et al. | 204 | 33 | November 18, 1986 | |
| <i>HC</i> | 4,738,874 | April 19, 1988 | Berardo, et al. | 427 | 244 | December 26, 1985 | |
| EXAMINER <i>Robert C. Herrmann</i> | | | | DATE CONSIDERED <i>9/10/03</i> | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------------------|------------------|-------------------|-------------------|-----------------|----------------|----------------------------------|
| <i>AK</i> | 4,758,272 | July 19, 1988 | Pierotti, et al. | 75 | 246 | May 27, 1987 |
| | 4,762,619 | August 9, 1988 | Gaddis, et al. | 210 | 639 | August 19, 1986 |
| | 4,797,211 | January 10, 1989 | Ehrfeld, et al. | 210 | 321.84 | December 24, 1986 |
| | 4,801,379 | January 31, 1989 | Ehrsam, et al. | 210 | 498 | July 15, 1987 |
| | 4,812,236 | March 14, 1989 | Ehrsam, C. | 210 | 490 | October 16, 1987 |
| | 4,826,642 | May 2, 1989 | Degen, et al. | 264 | 45.3 | June 8, 1988 |
| | 4,834,876 | May 30, 1989 | Walker, N. | 210 | 185 | March 14, 1988 |
| | 4,876,013 | October 24, 1989 | Shmidt, et al. | 210 | 650 | February 26, 1988 |
| | 4,888,114 | December 19, 1989 | Gaddis, et al. | 210 | 500.25 | February 10, 1989 |
| | 4,935,139 | June 19, 1990 | Davidson, et al. | 210 | 490 | May 22, 1989 |
| | 4,963,261 | October 16, 1990 | Witkowski, et al. | 210 | 490 | August 28, 1989 |
| | 5,114,447 | May 19, 1992 | Davis, C. | 55 | 485 | March 12, 1991 |
| | 5,154,815 | October 13, 1992 | O'Neill, J. | 205 | 75 | October 23, 1991 |
| | 5,158,586 | October 27, 1992 | Layton, H. | 55 | 497 | January 6, 1992 |
| | 5,188,734 | February 23, 1993 | Zepf, R. | 210 | 490 | February 21, 1992 |
| | 5,194,200 | March 16, 1993 | Anderson, et al. | 264 | 56 | October 8, 1991 |
| | 5,196,120 | March 23, 1993 | White, L. | 210 | 504 | April 2, 1992 |
| | 5,198,112 | March 30, 1993 | Martin, et al. | 210 | 490 | January 12, 1990 |
| <i>AK</i> | 5,208,190 | May 4, 1993 | Anderson, et al. | 501 | 12 | October 8, 1991 |
| <i>AK</i> | 5,215,724 | June 1, 1993 | Haerle, H. | 422 | 180 | September 5, 1991 |
| EXAMINER <i>John Portman</i> | | | | DATE CONSIDERED | <i>9/23/03</i> | |

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|------------------|-------------------|------------------|-------|----------|----------------------------------|
| <i>AC</i> | 5,238,477 | August 24, 1993 | Layton, H. | 55 | 497 | September 21, 1992 |
| | 5,238,613 | August 24, 1993 | Anderson, D. | 264 | 22 | February 12, 1992 |
| | 5,250,184 | October 5, 1993 | Maier, W. | 210 | 653 | May 13, 1992 |
| | 5,262,198 | November 16, 1993 | Wu, et al. | 427 | 249 | April 8, 1991 |
| | 5,262,199 | November 16, 1993 | Desu, et al. | 427 | 255.1 | April 17, 1992 |
| | 5,277,819 | January 11, 1994 | Abrams, H. | 210 | 636 | June 3, 1992 |
| | 5,308,533 | May 3, 1994 | Hotaling, et al. | 252 | 181.6 | November 12, 1992 |
| | 5,332,597 | July 26, 1994 | Carolan, et al. | 427 | 243 | November 9, 1992 |
| | 5,364,586 | November 15, 1994 | Trusov, et al. | 419 | 2 | August, 17, 1993 |
| | 5,378,426 | January 3, 1995 | Geibel, et al. | 419 | 2 | October 21, 1992 |
| | 5,387,339 | February 7, 1995 | Lee, et al. | 210 | 326 | December 17, 1993 |
| | 5,456,740 | October 10, 1995 | Snow, et al. | 96 | 11 | June 22, 1994 |
| | 5,487,771 | January 30, 1996 | Zeller, R. | 55 | 523 | July 27, 1994 |
| | 5,279,737 | January 18, 1994 | Sekhar, et al. | 210 | 490 | June 3, 1993 |
| | 5,405,529 | April 11, 1995 | Shimai, et al. | 210 | 496 | July 19, 1993 |
| | 4,980,062 | December 25, 1990 | Block | 210 | 490 | August 2, 1987 |
| | 5,589,081 | December 31, 1996 | Harris | 210 | 804 | January 11, 1996 |
| | 3,241,681 | March 22, 1966 | D.B. Pall | 210 | 493 | February 9, 1959 |
| <i>V</i> | 2,457,051 | December 21, 1948 | C.C.S. Le Clair | 29 | 148 | May 25, 1945 |
| <i>PK</i> | 3,111,396 | November 19, 1963 | B.B. Ball | 25 | 156 | December 14, 1960 |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLISHED DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|--|--|--------------------|-------------------|---------|-------|----------|-------------|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|---|------------------------|-----------------|----------------|
| EXAMINER | <i>John P. Stetzer</i> | DATE CONSIDERED | <i>9/23/03</i> |
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